

Applicants or Patentees: Gordon W. Duff, Robert R.S. Richardson, and Ian G. Rennie
Serial or Patent No.: Unassigned
Filed or Issued: Herewith
Title: Detecting Genetic Predisposition to Diabetic Retinopathy
Atty. Dkt No. 33174.5/CPT

**ADDED PAGE TO POWER OF ATTORNEY
BY ASSIGNEE OF ENTIRE INTEREST
FOR AUTHORIZATION OF ATTORNEYS
TO ACCEPT AND FOLLOW INSTRUCTIONS FROM REPRESENTATIVE**

The undersigned to this Power of Attorney hereby authorize(s) the U.S. attorneys named herein to accept and follow instructions from:

Paul White Ken Kornman
(Names of Authorized Representatives)

Medical Science Systems, Inc.
4400 MacArthur Boulevard, Suite 980
Newport Beach, CA 92660

As to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change of the person(s) from whom instructions may be taken, the U.S. attorneys will so be notified by the undersigned.

(Signature of Authorized Person)

Terry H. Lilley

(Name of Authorized Person)

Prof. Terry H. Lilley

(Title of Authorized Person)

Director, Research and Consultancy Unit

(Date)

15 September 1997

Applicants or Patentees: Gordon W. Duff, Robert R.S. Richardson, and Ian G. Rennie
Serial or Patent No.: Unassigned
Filed or Issued: HEREWITH
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**CERTIFICATE UNDER 37 C.F.R. 3.73(b) ESTABLISHING
RIGHT OF ASSIGNEE TO TAKE ACTION**

i. The assignee of the entire right, title and interest hereby seeks to take action in the Patent and Trademark Office in this matter.

IDENTIFICATION OF ASSIGNEE

ii. The University of Sheffield

PERSON AUTHORIZED TO SIGN

iii.

Prof. Terry H. Lilley
(Name of person authorized to sign on behalf of assignee)

Director, Research and Consultancy Unit
(Title of person authorized to sign)

15 September 1997
(Date)

I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established by an assignment from the inventors of the matter identified above.

DECLARATION

I, the undersigned, have reviewed all the documents in the chain of title of the patent application and, to the best of my knowledge and belief, title is in the assignee identified above.

I hereby declare that all statements made herein on my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

(Signature of authorized person)



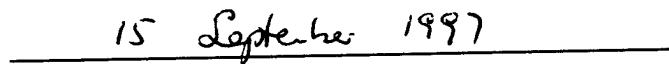
(Name of authorized person)

Prof. Terry H. Lilley

(Title of authorized person)

Director, Research and Consultancy Unit

(Date)



Applicants or Patentees:
Serial or Patent No.:
Filed or Issued:
Title:
Atty. Dkt No. 33174.5/CPT

Gordon W. Duff, Robert R.S. Richardson, and Ian G. Rennie
Unassigned
HEREWITH
Detecting Genetic Predisposition to Diabetic Retinopathy

DECLARATION

As one of the below named inventors, I declare that:

My residence, post office address and citizenship are as stated below next to my name, that I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention or design entitled "**DETECTING GENETIC PREDISPOSITION TO DIABETIC RETINOPATHY**," the specification of which is filed herewith; that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and that I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor:

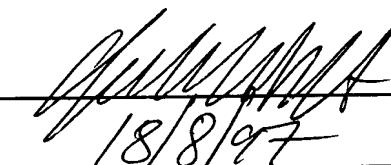
Date:

Inventor's Name:

Residence (City, Country)

Citizenship

Post Office Address


18/8/97

Gordon W. Duff

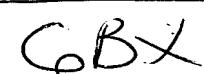
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U.K.

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Sheffield S10 3BZ South Yorkshire

United Kingdom



Signature of Inventor:

Date:

Inventor's Name:

Residence (City, Country)

Citizenship

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Deibeyshire JKI / 8QJ

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Signature of Inventor:

Date:

Inventor's Name:

Residence (City, Country)

Citizenship

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United Kingdom

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Herewith
Detecting Genetic Predisposition to Diabetic Retinopathy

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

The University of Sheffield hereby appoints:

Patrick Turley
Tamsen Valoir
John R. Kirk, Jr.
A.M. (Andy) Arismendi, Jr.
Peter J. Manso
Kevin Gray
Alan R. Thiele
Lisa H. Meyerhoff

Reg. No. 35,723
Reg. No. 41,417
Reg. No. 24,477
Reg. No. 31,715
Reg. No. 32,264
Reg. No. 37,141
Reg. No. 30,694
Reg. No. 36,869

all of the firm of Jenkens & Gilchrist, P.C., its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities under the Patent Cooperation Treaty.

Send Correspondence To:

Jenkens & Gilchrist, P.C.
1445 Ross Avenue, Suite 3200
Dallas, TX 75202-4500

Attorney Docket No. 33174.3/CPT

Direct Telephone Calls To:

Patrick Turley (Atty Dkt. No. 33174.3/CPT)
Telephone: (713) 951-3310
Facsimile: (713) 951-3314

Name of Person:

Title of Person if other than owner:

Address of Person Signing:

Prof. Terry H. Lilley
Director, Research and Consultancy Unit
2/4 Palmerstone Road
Sheffield, S10 2TE
UNITED KINGDOM

The University of Sheffield

Signature:

Date:

Terry H. Lilley
15 September 1997

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**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) AND 1.27(d) - NONPROFIT ORGANIZATION)**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF NONPROFIT ORGANIZATION: The University of Sheffield

ADDRESS OF NONPROFIT ORGANIZATION: 2/4 Palmerstone Road
Sheffield, S10 2TE UNITED KINGDOM

TYPE OF NONPROFIT ORGANIZATION:

- UNIVERSITY OR OTHER INSTITUTION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE:)
(CITATION OF STATUTE:)
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501 (c)(3) IF LOCATED IN THE UNITED STATES OF AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE:)
(CITATION OF STATUTE:)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention entitled "Detecting Genetic Predisposition to Diabetic Retinopathy" by inventors Gordon W. Duff, Robert R.S. Richardson, and Ian G. Rennie described in the application filed herewith.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above invention.

If the rights held by the above-identified non-profit organization are not exclusive, each individual, concern or organization having rights in the invention is listed below, and no rights to the invention are held by the person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(c) if that person made the

invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a non-profit organization under 37 CFR 1.9(e):

NONE

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee of any maintenance fee due after the date on which status as a small entity is not longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

Prof. Terry H. Lilley

TITLE IN ORGANIZATION OF PERSON SIGNING: Director, Research and Consultancy Unit

ADDRESS OF PERSON SIGNING:

2/4 Palmerstone Road

Sheffield, S10 2TE, United Kingdom

DATE: 15 September 1997

SIGNATURE: Terry H. Lilley